MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

NOVEMBER, 1930

J. A. BROWN, DIRECTOR

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NOVEMBER 1930
METEOROLOGICAL REGISTER

Date	Barometer reduced to °oC Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	62.0	60.9	61.9	61.6	23.9	18.8	21.6	22.9	19.1	21.2
2	2.5	2.8	3.2	2.8	23.3	15.8	18.2	22.4	19.2	19.9
3	1.7	1.5	4.8	2.7	22.7	16.7	18.3	22.2	18.8	19.8
4	6.4	5.1	5.2	5.5	23.3	17.2	21.2	22.2	20.4	21.3
5	5.7	4.5	4.3	4.8	24.7	17.8	23.2	24.2	22.2	23.2
6	64.2	63.2	63.5	63.6	26.1	19.9	24.6	25.9	23.4	24.6
7	5.0	3.7	2.9	3.9	25.4	20.8	25.9	23.8	23.5	24.4
8	3.7	2.1	1.8	2.5	24.4	21.3	23.3	23.4	21.5	22.7
9	1.2	59.3	59.3	59.9	24.4	18.8	23.1	23.7	21.2	22.7
10	59.7	9.7	60.2	9.9	24.6	20.6	23.3	23.4	22.1	22.9
11	60.9	59.9	60.5	60.4	23.9	19.4	23.2	23.2	21.7	22.7
12	1.6	61.3	1.7	1.5	23.8	18.3	22.6	23.2	21.6	22.5
13	2.6	1.1	3.7	2.5	24.2	18.3	22.7	23.3	18.3	21.4
14	5.2	5.1	6.0	5.4	22.3	16.2	19.6	22.2	18.8	20.2
15	7.5	6.8	6.7	7.0	22.7	16.8	20.6	22.2	19.6	20.8
16	65.5	62.9	61.3	63.2	23.3	17.8	20.4	22.2	20.5	21.0
17	0.0	58.0	0.6	59.8	21.7	16.9	19.6	21.6	17.3	19.5
18	3.3	62.1	4.4	63.3	20.9	15.9	18.8	20.8	17.8	19.1
19	5.5	4.3	4.4	4.7	21.1	15.6	17.2	21.0	18.6	18.9
20	6.5	5.6	6.3	6.1	21.4	15.7	19.4	21.2	16.5	19.0
21	67.5	66.1	66.9	66.8	21.0	15.8	19.4	20.4	18.1	19.3
22	7.5	5.7	5.7	6.3	20.9	16.0	19.7	20.5	18.1	19.4
23	4.8	2.1	0.3	2.4	21.0	15.3	19.1	20.7	19.9	19.9
24	0.7	59.6	59.6	0.0	22.2	17.4	20.4	21.6	18.3	20.1
25	55.6	60.6	9.8	58.7	20.6	16.3	18.1	20.2	19.1	19.1
26	61.4	61.5	60.4	61.1	19.9	15.0	18.6	19.5	18.1	18.7
27	6.4	6.2	7.0	6.5	18.7	14.4	17.8	17.8	16.7	17.4
28	7.5	5.4	5.9	6.3	18.1	13.2	17.1	17.9	17.3	17.4
29	6.3	5.5	5.1	5.6	18.8	13.3	17.3	18.4	15.3	17.0
30	5.9	4.4	3.8	4.7	18.4	13.6	16.8	18.2	14.9	16.6
	63 81	62.90	63.24	63.32	22.26	16.96	20.37	21.67	18.93	20.42

Barometer, Range for month 755 6-766.9 m.m.

„ 50-yr. average for month 762.865 m.m.

Thermometer, Range for month 13°.2-26°1.

, 50-yr. average for month 19.68 C.

Rain, total for month 124.45 m.m.

„ , 50-yr average for month 135.13 m.m.

„ , total. Sept. 1st to end of month 137.11 m.m.

„ , 50-yr average, Sept. 1st to end of month. 195 08 m.m

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20.30	8.30	14.30	20.30	Mean	8.30	14.30	20.30	Mean		
1	18.3	17.1	15.6	13.4	11.1	11.0	11.8	70	52	67	63	3.6	2.64
2	15.1	17.4	15.6	10.9	11.7	10.9	11.2	70	57	66	64	7.5	
3	16.3	17.7	16.3	11.2	12.2	12.1	11.8	62	61	75	66	9.2	
4	16.8	18.2	17.7	11.5	12.9	13.3	12.6	62	65	74	67	10.5	
5	18.1	19.9	19.6	12.3	14.4	14.9	13.9	58	64	75	66	10.6	
6	19.6	20.5	19.4	13.5	14.3	14.0	13.9	59	57	66	61	10.0	
7	20.2	21.5	17.7	13.7	17.3	11.5	14.2	55	78	53	62	10.0	
8	19.6	20.1	20.1	14.3	15.0	16.3	15.2	67	70	85	74	10.0	
9	19.9	21.0	18.8	15.0	16.4	14.5	15.3	72	75	78	75	9.2	
10	20.4	19.8	19.3	15.6	14.6	14.7	14.9	73	68	74	72	4.2	
11	19.8	19.1	18.9	14.8	13.6	14.2	14.2	70	64	73	69	8.2	
12	18.2	19.7	19.0	12.6	14.5	14.4	13.8	62	69	74	68	9.8	
13	18.8	20.1	17.6	13.5	15.2	14.4	14.4	66	72	93	77	7.2	8.43
14	17.8	19.3	17.1	13.8	14.5	13.2	13.8	81	73	82	79	7.5	4.32
15	16.9	18.7	17.7	11.9	13.6	13.7	13.1	66	67	81	71	8.7	
16	17.6	18.0	17.4	12.9	12.6	12.7	12.7	72	63	70	68	2.0	
17	16.4	16.8	16.6	11.8	11.4	13.6	12.3	70	59	92	74	3.5	34.00
18	18.2	18.1	16.2	15.2	13.4	12.6	13.7	95	73	83	84	4.2	15.80
19	15.7	17.9	16.2	12.3	13.1	12.1	12.5	84	71	76	77	5.5	5.23
20	16.9	17.8	15.5	12.7	12.9	12.4	12.7	76	69	89	78	8.1	7.11
21	17.2	17.1	16.1	11.6	12.3	12.2	12.0	83	69	80	77	7.2	7.67
22	16.3	17.2	15.9	11.6	12.3	12.0	12.0	68	69	78	72	9.5	
23	15.5	16.4	16.7	10.9	11.3	12.0	11.4	67	61	69	66	9.4	
24	16.6	18.1	16.1	11.6	13.0	12.1	12.3	64	67	78	70	5.0	
25	16.5	16.2	14.9	12.9	11.2	10.2	11.4	84	63	62	70	2.2	38.93
26	14.4	15.4	11.9	9.7	10.5	7.4	9.2	61	63	47	57	7.0	0.32
27	13.8	13.4	12.7	9.5	9.0	8.7	9.1	63	59	62	61	9.4	
28	12.5	12.7	12.6	8.3	8.2	8.3	8.3	58	54	56	56	9.4	
29	12.3	13.7	12.1	8.0	9.1	8.7	8.6	85	57	68	70	9.4	
30	13.3	14.2	12.5	9.4	9.8	9.3	9.5	66	62	74	67	9.5	
	16.96	17.77	16.46	12.21	12.71	12.25	12.39	69.6	65.0	73.3	69.3	7.58	4.15

ight of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
y and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
m of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
me of readings minus 2 hours equals G. C.T.
year averages are for period, 1875-1924

NOVEMBER 1930

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km		
1	8cu	7cu	6cu	7.0	1sw	0	1se	355.0	calm	const. ligt. in n.
2	4stcu	4stcu	5stcu	4.3	0	1sw	0	360.4	„	
3	5stcu	2stcu	4stcu	3.7	0	0	1se	258.1	„	
4	1cu	1st	0	0.7	0	0	0	194.4	„	
5	0	0	0	0.0	0	0	0	56.6	„	
6	0	6st	0	2.0	0	0	0	64.9	light	
7	0	0	0	0.0	1ne	2ne	3n	142.1	„	
8	0	0	0	0.0	1ne	1ne	0	171.2	mod.	
9	1cu	7cicu	8cicu	5.3	0	0	0	16.7	light	
10	8stcu	10stcu	10stcu	9.3	0	0	0	142 4	calm	
11	6stcu	8stcu	6stcu	6.7	0	0	0	109.7	„	
12	2stcu	1stcu	2stcu	1.7	0	0	0	97.9	„	
13	5ci	7stcu	10ni	7.3	0	0	0	101.1	„	thunderstorm
14	10ni	7cicu	3cu	6.7	0	0	1e	220.7	„	
15	2cicu	6ci	0	2.7	0	0	0	152.8	light	
16	8ci	8stcu	2stcu	6.0	0	0	0	36.0	calm	
17	10ni	9stcu	8stcu	9.0	1se	3s	2s	575.6	„	
18	10ni	8stcu	10ni	9.3	0	0	1se	360.7	mod.	
19	8stcu	2stcu	2stcu	4.0	0	0	1s	349.9	light	
20	4stcu	5stcu	10ni	6.3	0	1se	1se	439.9	calm	
21	7stcu	6stcu	5stcu	6.0	0	0	1se	295.3	light	
22	1cu	0	0	0.3	0	0	0	160.8	calm	
23	0	0	0	0.0	0	1sw	0	56.9	mod.	
24	7stcu	4stcu	3stcu	4.7	0	0	1sw	153.5	light	const. ligt. in n.
25	10ni	8stcu	8stcu	8.7	2w	6sw	4s	930.2	rough	& w
26	3stcu	7stcu	7stcu	5.7	0	0	1sw	252.0	„	
27	2stcu	1st	0	1.0	0	2w	2n	168.9	„	first sn. visible
28	0	0	0	0.0	0	0	1w	111.6	light	
29	0	0	0	0.0	0	0	0	112.8	calm	
30	0	1cu	0	0.3	0	1w	1w	218.0	„	
				3.96				222.21		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	2	0	1	0	1	1	0	25
14:30	0	2	0	1	1	3	2	0	21
20.30	2	0	1	5	3	2	2	0	15
Totals	2	4	1	7	4	6	5	0	61

Number of days with rain 10, fog 0, thunderstorms 1, gales 0

50-yr average number of days with rain during month 9.8